

Atty. Dkt. No. 017498-0149

In the Claims:

In accordance with 37 CFR § 1.121, please substitute for original claim 1 the following rewritten version of the same claim, as amended. The changes are shown explicitly in the attached "Marked Up Version Showing Changes Made."

Please amend the following claim.

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C1 10/17
1. (Amended) A plasma-resistant member of the type which is employed in a reaction chamber of a plasma treating apparatus, characterized in that said member is formed of a dense alumina sintered product having an average grain size of 21.7 - 40 μm , a surface roughness Ra of 1.3 - 2.2 μm , and a bulk density of 3.90 g/cm^3 or over but less than 4 g/cm^3 .

Please add the following new claims:

9. (New) A plasma resistant member according to claim 1, wherein the average grain size is 24 μm , the surface roughness Ra is 1.3 μm and the bulk density is 3.99 g/cm^3 .

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C1 10/17
10. (New) A plasma resistant member according to claim 1, wherein the average grain size is 40 μm , the surface roughness Ra is 1.6 μm and the bulk density is 3.97 g/cm^3 .

C2
11. (New) A plasma resistant member according to claim 1, wherein the average grain size is 27.0 μm , the surface roughness Ra is 2.20 μm and the bulk density is 3.92-3.99 g/cm^3 .

12. (New) A plasma resistant member according to claim 1, wherein the average grain size is 27.0 μm , the surface roughness Ra is 1.30 μm and the bulk density is 3.92-3.99 g/cm^3 .

13. (New) A plasma resistant member according to claim 1, wherein the average grain size is 21.7 μm , the surface roughness Ra is 2.20 μm and the bulk density is 3.92-3.99 g/cm^3 .

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14. (New) A plasma resistant member according to claim 1, wherein the average grain size is $21.7 \mu\text{m}$, the surface roughness R_a is $1.34 \mu\text{m}$ and the bulk density is $3.92\text{-}3.99 \text{ g/cm}^3$.

Lead
Sub
DI